1/4

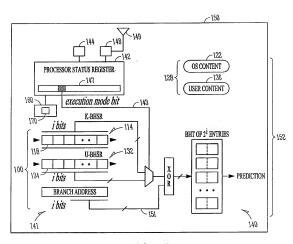


FIG. 1A

2/4

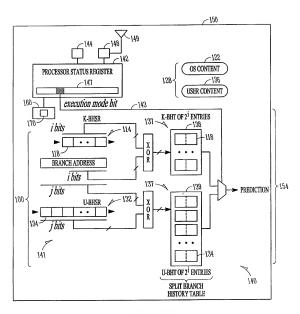


FIG. 1B

TITLE: BRANCH PREDICTOR COMPRISING A SPLIT BRANCH HISTORY SHIFT REGISTER
INVENTOR'S NAME: LIZY K. JOHN, ET AL.
SERIAL NO.: 10/822,553 DOCKET NO.: 888.013US1
REPLACES

REPLACEMENT SHEET A/E MEDICALON PREDICTION A AGREEDISAGREE DIRECTION BHT (NT BIASING BIT DIRECTION BHT (T) : MOM ×0× : SRANCH ADDRESS BHSR REPLACE WITH
0S-AWARE
(SPLIT BHSR, SPLIT BHT)
GSHARE REDIRECTION SELECTION COUNTERS BTB FIG. 1C **MEDICLION** ₩ 888.8 : H 2BC(1/8) BRANCH ADDRESS BRANCH ADDRESS XOX XOX MULTI-HYBRID BES BRANCH ADDRESS BRANCH ADDRESS Always taken (0) GAs (1/8) BHSR Gshare (1/2) Pshare (1/4)

REPLACEMENT SHEET

4/4

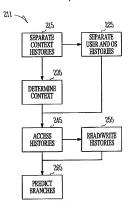


FIG. 2

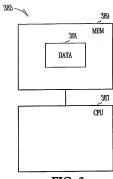


FIG. 3